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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hwa-Sun YOO et al. Group Art Unit: 2661

Serial No.: 10/718,304 Docket: 784-59

Filed: November 20, 2003 Dated: May 10, 2007

For: METHOD AND APPARATUS FOR GENERATING  
AN EDGE SIDELobe CANCELING SIGNAL AND UPLINK  
COMMUNICATION METHOD AND APPARATUS USING  
THE SAME IN AN OFDMA SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant's continuing duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

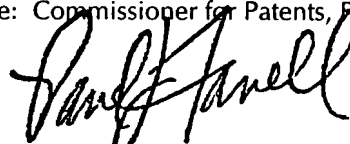
The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 10, 2007.

Dated: May 10, 2007

  
Paul J. Farrell

The listed items were cited by the European Patent Office in a counterpart application, namely Appln. No. 03257302.4. A copy of the European Search Report dated March 1, 2007 is attached hereto.

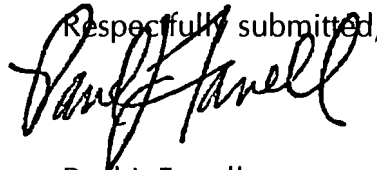
The filing of this Supplemental Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

**CERTIFICATION UNDER 37 C.F.R. §1.97(e)(2)**

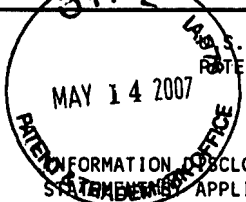
Applicant submits that each item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", written over the typed name.

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Form PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE SYSTEMS APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 784-59	SERIAL NO. 10/718,304
	APPLICANT Hwa-Sun YOO et al.	
	FILING DATE November 20, 2003	GROUP ART UNIT 2661

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,035,000	March 7, 2000	Bingham			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 1 142 247	September 11, 2002	EPO			x	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	Mohamed S. El-Tanany et al., OFDM Uplink for Interactive Broadband Wireless: Analysis and Simulation in the Presence of Carrier, Clock and Timing Errors, IEEE Transactions on Broadcasting, Vol. 47, No. 1, March 2001.
		2.	Robert Baldemair, Suppression of Narrow Frequency Bands in Multicarrier Transmission Systems, 2000.
		3.	Yuping Zhao et al., Inter-carrier Interface Self-Cancellation Scheme for OFDM Mobile Communication System, IEEE Transactions on Communications, Vol. 49, No. 7, July 2001.
		4.	Hwasun Yoo et al., Edge Sidelobe Suppression Schemes for Uplink of Orthogonal Frequency Division Multiple Access Systems, 2002.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.